

Docket No. 246991US0CONT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Christoph BRUHN, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: WATER-ABSORBING POLYMERS WITH SUPRAMOLECULAR HOLLOW MOLECULES, METHOD FOR PRODUCING THEM AND USE OF THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references were filed in prior application Serial No.: 09/701,564, where required, as were either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

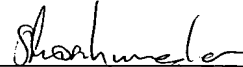
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Norman F. Oblon

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Stefan U. Koschmieder, Ph.D.

Registration No. 50,238

| | | | | | | | |
|--|----|---|----------|---|--|---|-------------------------------|
| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 246991US0CONT | | SERIAL NO. New Application | |
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT Christoph BRUHN, et al. | | | |
| | | | | FILING DATE Herewith | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | AA | 5,134,127 | 07/28/92 | V. STELLA, et al. | | | |
| | AB | 4,638,058 | 01/20/87 | L. BRANDT, et al. | | | |
| | AC | 4,153,585 | 05/08/79 | M. M. TESSLER | | | |
| | AD | 3,740,391 | 06/19/93 | L. L. WILLIAMS, et al. | | | |
| | AE | 5,538,655 | 07/23/96 | D. G. FAUTEUX, et al. | | | |
| | AF | 4,286,082 | 08/25/81 | T. TSUBAKIMOTO, et al. | | | |
| | AG | 4,076,663 | 02/28/78 | F. MASUDA, et al. | | | |
| | AH | 4,654,039 | 03/31/87 | K. A. BRANDT, et al. | | | |
| | AI | 5,314,420 | 05/24/94 | S. J. SMITH, et al. | | | |
| | AJ | 5,154,713 | 10/13/92 | E. J. LIND | | | |
| | AK | 4,076,663 | 02/28/78 | F. MASUDA, et al. | | | |
| | AL | 3,453,257 | 07/01/69 | S. M. PARMETER, et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION YES NO | | |
| | AM | 195 33 269 | 03/13/97 | GERMANY | | | |
| | AN | 44 40 236 | 05/15/96 | GERMANY | | | |
| | AO | WO 94/22501 | 10/13/94 | WIPO | | | |
| | AP | 0 317 106 | 05/24/89 | EUROPE | | | |
| | AQ | 27 06 135 | 08/17/78 | GERMANY | | | |
| | AR | 0 483 380 | 05/06/92 | EUROPE | | | |
| | AS | 40 20 780 | 08/29/91 | GERMANY | | | |
| | AT | WO 97/09354 | 03/13/97 | GERMANY | | | |
| | AU | 61 283601 | 12/13/86 | JAPAN | | | |
| | AV | 04 163372 | 06/08/92 | JAPAN | | | |
| | AW | WO 94/09043 | 04/28/94 | WIPO | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AX | A. P. CROFT, et al., Tetrahedron, Vol. 39, No. 9, Pages 1417-1474, "SYNTHESIS OF CHEMICALLY MODIFIED CYCLODEXTRINS", 1983 | | | | | |
| | AY | A. HARADA, et al., J. Org. Chem. Vol. 58, No. 26, Pages 7524-7528, "PREPARATION AND CHARACTERIZATION OF POLYROTAXANES CONTAINING MANY THREADED α -CYCLODEXTRINS", 1993 | | | | | |
| | AZ | A. NORBERG, et al., Gerontology, Vol. 30, Pages 261-266, "THE URINE SMELL AROUND PATIENTS WITH URINARY INCONTINENCE", 1984 | | | | <input checked="" type="checkbox"/> Additional References sheet(s) attached | |
| Examiner | | | | | | | |
| Date Considered | | | | | | | |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | | | | | |
|--|-----|---|--|--|--|-----------------------------------|--|
| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 246991US0CONT | | SERIAL NO. New Application | |
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT Christoph BRUHN, et al. | | | |
| | | | | FILING DATE Herewith | | GROUP | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AAA | A. ZLATKIS, et al., Analytical Chemistry, Vol. 45, No. 4, Pages 763-767, "PROFILE OF VOLATILE METABOLITES IN URINE BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY", April 1973 | | | | | |
| | AAB | G. WENZ, Angew. Chem., Vol. 106, Pages 851-870, "CYCLODEXTRINE ALS BAUSTEINE SUPRAMOLEKULARER STRUKTUREN UND FUNKTIONSEINHEITEN", 1994 | | | | | |
| | AAC | C. ROUSSEL, et al., Journal of Chromatography A, No. 704, Pages 67-74, "CATIONIC β -CYCLODEXTRIN: A NEW VERSATILE CHIRAL ADDITIVE FOR SEPARATION OF DRUG ENANTIOMERS BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY", 1995 | | | | | |
| | AAD | R. H. WARING, et al., Xenobiotica, Vol. 17, No. 11, Pages 1363-1371, "THE CHEMICAL NATURE OF THE URINARY ODOUR PRODUCED BY MAN AFTER ASPARAGUS INGESTION", 1987 | | | | | |
| | AAE | T. TAKEUCHI, et al., Chromatographia, Vol. 38, No., 7/8, Pages 453-455, "LIQUID CHROMATOGRAPHY OF CYCLODEXTRINS WITH INDIRECT PHOTOMETRIC DETECTION OF PHENOLPHTHALEIN INCLUSION COMPLEXES", April 1994 | | | | | |
| | AAF | | | | | | |
| | AAG | | | | | | |
| | AAH | | | | | | |
| | AAI | | | | | | |
| | AAJ | | | | | | |
| | AAK | | | | | | |
| | AAL | | | | | | |
| | AAM | | | | | | |
| | AAN | | | | | | |
| | AAO | | | | | | |
| | AAP | | | | | | |
| | AAQ | | | | | | |
| Examiner | | | | | | Date Considered | |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |